



EAST HERTFORDSHIRE COMBINED DISTRICTS.

Hertford (M.B.)	Sawbridgeworth (U.D.)
Hoddesdon (U.D.)	Ware (R.D.)
Bishop's Stortford (U.D.)	Braughing (R.D.)
Ware (U.D.)	Hertford (R.D.)

ANNUAL REPORT

OF THE

MEDICAL OFFICER

(Alan D. Whitelaw, M.A., M.D., D.P.H.)

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Sanitary Inspectors :

JOHN BARNISH* - - - (The Castle) Hertford (M.B.)

WM. NOEL DAVID* - - (Council Offices) Hoddesdon (U.D.)

NORMAN F. CRIPPS* (The Council House) Bishop's Stortford (U.D.)

CHAS. J. LUCAS* - - - (The Priory) Ware (U.D.)

KENNETH STEENT† - (Council Offices) Sawbridgeworth (U.D.)

LAURENCE J. DALE*† - - (97, New Road) Ware (R.D.)

E. E. WATERIDGE† - - (Bridgefoot House, Buntingford)
Braughing (R.D.)

W. D. WAINE*† - - (20, Castle Street) Hertford (R.D.)

*Certificated Meat Inspector (Sanitary Inspectors' Examination Board).

†Also District Council Surveyor.

Preface

The following Report on the Health of the Combined Districts has been drawn up on the lines indicated in the Circular issued by the Minister of Health.

These rates have been calculated on the Registrar-General's estimate of the resident population in 1942.

I am indebted to the respective Sanitary Inspectors for the information on Sanitary matters generally, Housing and Food Inspection.

ALAN D. WHITELAW,
Medical Officer of Health.

THE CASTLE,
HERTFORD.

Vital Statistics.

			Birth Rate.	Death Rate.	Infantile Mortality.
MUNICIPAL BOROUGH.					
Hertford	...	...	15'3	13	23
URBAN DISTRICTS.					
Hoddesdon	...	...	17'3	10'9	51
Bishop's Stortford	...	...	16'3	10'8	31
Ware ...	...	...	18'1	11'4	33
Sawbridgeworth...	17'7	11'3	49
RURAL DISTRICTS.					
Ware	13'9	11'4	40
Braughing	15'2	14	24
Hertford	14'5	11'3	17
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England and Wales	15'8	11'6	49

*Per 1,000 population.

**Per 1,000 births.

General Statistics.

	Rateable Value	Sum represented by a Penny Rate.
Hertford (M.B.)...	105,707	412
Hoddesdon ...	89,487	367
Bishop's Stortford	95,275	382
Ware (U.D.) ...	46,004	192
Sawbridgeworth...	21,409	86
Ware (R.D.) ...	63,100	264
Braughing ...	44,991	193
Hertford (R.D.)...	38,112	155

	BIRTHS						DEATHS
	Legitimate	Illegitimate		TOTAL			
		Number	Per centage	M	F.		
Hertford (M.B.) ...	211	3	3'2	111	107	185	
Hoddesdon ...	227	7	3	121	113	148	
Bishop's Stortford	176	16	8'3	94	98	127	
Ware (U.D.) ...	145	5	3'3	79	71	95	
Sawbridgeworth ...	58	3	4'9	24	37	38	
Ware (R.D.) ...	142	8	5'3	77	73	123	
Braughing ...	154	7	4'4	82	79	148	
Hertford (R.D.) ...	115	2	1'7	61	56	91	

Tuberculosis.

(New cases during 1942.)

	Respiratory		Non-Respiratory		Total
	M	F	M	F	
Hertford (M.B.) ...	6	6	3	1	16
Hoddesdon ...	4	8	0	1	14
Bishop's Stortford	3	5	1	4	13
Ware (U.D.) ...	0	2	0	1	3
Sawbridgeworth ...	1	1	1	0	3
Ware (R.D.) ...	5	2	1	3	11
Braughing ...	3	3	5	1	12
Hertford (R.D.) ...	5	4	1	1	11

Number of cases remaining on the Register at the end of the year.

	Respiratory		Non-Respiratory		Total
	M	F	M	F	
Hertford (M.B.) ...	31	9	20	7	67
Hoddesdon ...	34	13	20	7	74
Bishop's Stortford	14	10	19	14	57
Ware (U.D.) ...	16	5	12	7	40
Sawbridgeworth ...	5	4	1	2	12
Ware (R.D.) ...	13	11	11	14	49
Braughing ...	13	8	6	7	34
Hertford (R.D.) ...	20	2	13	3	38

Campaign for Immunisation against Diphtheria.

Press Advertising.

A joint advertisement by the 8 Districts was inserted in two issues each of the Hertfordshire Mercury and the Herts and Essex Observer.

Posters.

"E.M.B." and other posters as well as Picture Sets were displayed in the towns and in the Council Offices and Welfare Centres.

Cinema Slides were shown at the Hertford, Bishop's Stortford and Ware cinemas.

Leaflets.

The Minister of Health's Urgent letter to parents was distributed in large numbers by members of youth organisations and the District nurses.

CAUSES OF DEATH.		Hertford M.B.		Huddesdon		Bishop's Stortford		Ware U.D.		Sgworth		Ware R.D.		Braughing		Hertford R.D.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
ALL CAUSES	...	93	92	78	70	54	73	50	45	18	20	68	55	64	84	45	46
Zymotic diseases	...	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Influenza	...	0	1	1	0	0	0	0	0	0	0	0	0	1	2	0	0
Tuberculosis (all forms)	...	2	6	1	5	2	2	4	1	1	1	7	2	4	2	3	2
Syphilitic diseases	...	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1
Cancer	...	11	19	8	7	12	16	5	6	1	5	7	11	8	13	7	9
Diabetes	...	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	1
Intracranial Vascular Lesions	...	9	9	8	13	3	6	4	3	2	1	1	2	6	9	2	2
Heart disease	...	25	29	21	13	11	15	17	13	4	4	23	16	15	16	14	14
Other circulatory diseases	...	4	5	6	3	4	19	1	1	1	5	1	2	8	13	1	1
Bronchitis	...	6	6	3	2	1	1	3	4	0	0	4	2	4	1	2	1
Pneumonia	...	2	2	4	6	1	3	1	2	2	0	2	3	1	5	3	0
Other respiratory diseases	...	2	0	1	1	1	1	0	2	0	0	0	0	2	1	0	0
Ulcer of stomach or duodenum	...	2	1	0	0	1	0	0	0	0	0	1	1	0	1	0	0
Diarrhoea (under 2 years)	...	1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0
Appendicitis	...	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Other digestive diseases	...	4	1	2	1	1	4	3	5	0	2	2	2	1	1	2	2
Nephritis	...	1	1	2	1	2	1	0	1	0	0	2	4	1	4	0	4
Pregnancy and childbirth	...	0	0	—	0	0	0	—	1	0	0	—	0	0	2	0	0
Birth injuries: infant diseases; premature births	...	2	0	2	1	3	1	3	1	1	1	4	1	2	1	0	1
Suicide	...	1	1	1	1	1	1	0	1	0	0	1	0	0	0	1	0
Road Traffic Accidents	...	2	0	1	0	1	0	2	0	0	0	3	0	2	1	1	0
Other violent causes	...	2	0	4	1	2	1	1	2	2	0	7	2	1	1	2	0
All other causes	...	11	10	12	11	7	2	2	3	4	1	2	3	6	10	6	7
Still Births	...	3	3	3	4	3	2	2	2	0	1	3	4	4	2	4	0
Deaths of infants under 1 year of age	...	4	1	5	7	4	2	4	1	2	1	4	2	3	1	0	2

Hertford Borough.

Water.

There are four separate pumping stations; Molewood, Hartham, Port Hill and Wadesmill Road. Most of the town is supplied from the Port Hill Reservoir, which is filled from Molewood and Wadesmill Road. Bengoe, Hertingfordbury, Great Molewood and the higher parts of the town are supplied from the Bengoe Water Tower, which is filled from Hartham and Wadesmill Road. Port Hill pumping station is being kept as a stand-by.

Chlorinating plants have been erected at each of the four pumping stations belonging to the Council, and now all the water raised is sterilized.

Drainage and Sewerage.

The method of disposal of the sewerage of the town is by the presedimented activated sludge process, and the resulting effluent is ultimately discharged into the River Lee.

Refuse Disposal.

There is a weekly collection, in covered freighters, of refuse which is disposed of by controlled tipping on Hartham.

Particulars of Sanitary Inspector's work during the year.

Inspection of District.

<i>Total number of Inspections</i>	-	-	-	-	-	1092
Dwelling-houses inspected	-	-	-	-	-	96
(Public Health and Housing Act, 1936)						
Re-inspections and Visits	-	-	-	-	-	395
General Inspections	-	-	-	-	-	88
Interviews	-	-	-	-	-	197
Visits re cases of Infectious Disease	-	-	-	-	-	42
Disinfections	-	-	-	-	-	56
Complaints received and investigated	-	-	-	-	-	41

Registered and Licensed Premises Inspected.

Factories	-	-	-	-	-	-	6
Bakehouses	-	-	-	-	-	-	12
Cowsheds	-	-	-	-	-	-	21
Dairies	-	-	-	-	-	-	24
Shops and Food Premises	-	-	-	-	-	-	91
Common Lodging Houses	-	-	-	-	-	-	23
							<hr/> 1092 <hr/>

Notices Served.

Informal notices	-	-	-	-	-	-	31
Statutory notices	-	-	-	-	-	-	1
Improvements carried out	-	-	-	-	-	-	48

*Inspection and Supervision of Food.**Milk Supply.*

Number of Cowkeepers on Register	-	-	-	9
Number of Retail Purveyors of milk within the Borough	-	-	-	8
Number of Retail Purveyors of milk outside the Borough	-	-	-	6
Number of inspections of Cowsheds	-	-	-	21
Number of inspections of Dairies	-	-	-	24

*Housing.**House 10, Hertingfordbury Road.*

This house was vacated in 1923, being regarded as below a reasonable standard of fitness for human habitation. During the year the owner carried out certain repairs and renovations for the purpose of re-occupation by an evucee family.

No formal "undertaking" is in operation.

House 81, Railway Street.

It was found that part of the house, viz., two basement rooms, was sublet to a family. The basement rooms by reason of structural defects contravened Section 12 of the Housing Act, 1936. As the result of informal procedure the basement rooms were vacated.

No formal "closing order" is in operation.

House 66/68, St. Andrew Street.

On the 13th of April, 1939, the house was represented by the Medical Officer of Health as being "unfit for human habitation" and on the 28th of July, 1939, the Council resolved that a "Demolition Order" under Sub. Section 4 of Section 11 of the Housing Act, 1936, be, and is hereby, made in respect to the house.

Owing to the outbreak of the war and in accord with the Ministry of Health Circular of the 8/9/1939, (Housing Postponement of Work) it was not possible to give effect to the Demolition Order.

During the year the house has been vacated and the owner has voluntarily undertaken not to relet the house for human habitation.

Overcrowding.

Serious cases of overcrowding have been dealt at the houses as follow :—

No. 116, Railway Street.

No. 14, Admiral Street.

The Cottage, Mead Lane.

Public Health Act, 1936.

Foxholes Farm and House, London Road.

Samples of water from the well supply to the house have been submitted for bacteriological examination, as follow :—

Sample (a) taken from tap in the house, supply direct from the storage tank above the well.

Sample (b) taken from tap in the house supplied by a secondary storage tank connected with the water supply.

The Pathologist Reports :—

"Examination of both samples indicate this water is a satisfactory source of supply from a bacteriological point of view, fit for drinking and domestic purposes. No organisms likely to cause gastric disturbances was found."

*Common Lodging Houses.**The White House, Railway Street.*

This is the only registered common lodging house within the Borough. The house provides nightly accommodation for 33 men; the number of men accommodated during the year was 6,466, nightly average, 18 men.

No case of infectious disease has occurred at the house during the year.

Inspection of Meat and Other Foods.

The following foodstuffs have been found to be unfit for human consumption :—

Meat and Edible Offals	Weight.	434	lbs.
Pork Pies	"	11	"
Bacon	"	10½	"
Cheese	"	15	"
Cake and Biscuits	"	238	"
Sundries	"	3	"

Fish :—

Pilchards (5 boxes)	Weight.	252	lbs.
Dried Haddocks	"	56	"
Fillets	"	154	"
Kippers (20 boxes)	"	280	"

Magistrate's Orders were obtained for the destruction of the Pilchards and the Kippers.

Canned Foodstuffs :—

Meat	204 containers.	Weight.	1095	lbs.
Mutton	3	"	3	"
Pork & Ham	52	"	277	"
Sausage Meat	6	"	11	"
Ready Meals	6	"	9	"
Fish	48	"	48	"
Fruit	69	"	78	"
Vegetables	77	"	84	"
Milk	29	"	37	"
Rabbit	8	"	13	"

Meat Distribution Depot, Bell Lane, Hertford.

The South Eastern, W.M.S.A., Ltd.

Close contact has been maintained with the Depot during the year, 19 special visits were made to examine foodstuffs regarded as being unfit for human consumption.

Scabies Order, 1941.

The Gas Cleansing Station at the rear of the Infant Welfare Centre, Bull Plain was adapted as a Scabies Treatment Centre. The alterations which were carried out under the direction of the Borough Surveyor were completed by the end of June.

Women and children are treated by the District Nurses and men by the full-time Civil Defence personnel.

During the year 1942, the number of persons treated at the centre was:—

Children under 14 years of age	15.
Women	8.
Men	3.

Diphtheria Prophylaxis.

	Age under 5 years.	Aged 5 years and over, but under 15.	Total.
Number of children who completed the full course of immunisation during the year	255	473	728
Approximate estimated Child population	837	2368	
Percentage of the child population considered immunised at 31/12/42.	61	95	

Notifiable Diseases, 1942.

	TOTAL	Under 1 year	1-5 years	5-15 years	15-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria	9§	.....	1	4	3	1	.....	9	2
Scarlet Fever	64*	.....	11	49*	1	1	.....	63	0
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery (Sonne)	5†	.....	1	1	.....	2	1	5	0
Puerperal Pyrexia	3	.....	.....	.....	.....	3	.....	3	0
Ophthalmia Neonatorum	1	1	.....	.....	.....	.....	.....	1	0
Acute primary Pneumonia	7	1	1	.....	.....	4	1	5	2
Erysipelas	0	.....	.....	.....	.....	.....	.....	.....	.....
Measles	27	.....	4	23	.....	.....	.....	0	0
Whooping Cough	22†	.....	22	.....	.....	.....	.....	2	0
Cerebro-spinal Meningitis	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute Polio-myelitis	0	.....	.....	.....	.....	.....	.....	.....	.....

† County Hospital.

§ Not immunised.

Prevalence and Control of Infectious Disease.

	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria -	-	-	-	-	-	-	-	1	3	-	5	-
Scarlet Fever -	3	2	10	-	3	3	5	5	1	3	25*	4
Measles -	-	13	-	-	-	13	-	1	-	-	-	-
Whooping Cough -	-	1	15†	2†	-	4	-	-	-	-	-	-

*Kingsmead School for Mental Defectives 21 cases.

†Balls Park L.C.C. Nursery School 17 cases.

Hoddesdon Urban District.

Water.

The Waterworks consist of the Pumping Station in Middlefield Road and the Reservoir on West Hill, with boosting plants to fill the Goose Green Water Tower and the Coldhall reservoir at Broxbourne. The Metropolitan Water Board supplies an area which extends from the Cemetery northwards. All the water is chlorinated.

Drainage and Sewerage.

Most of the district (except for houses in undeveloped and low-lying parts of the area) is sewered. Sewage disposal works consisting of detritus, settling tanks, contact beds, and percolating filters serve the old urban area. Sewage from Broxbourne and Wormley is disposed of by broad irrigation at the sewage farm.

Refuse Collection and Disposal.

Weekly collection from practically the whole of the district by low-loading horse-drawn vehicles and by S.D. freighter. Refuse is disposed of by controlled tipping at Essex Road.

Particulars of the Sanitary Inspector's Work.

Dwelling-houses inspected under the Public Health and Housing

Acts	83
Housing, re-inspections, works in progress and Interviews with Owners and Builders...	460
Visits in connection with Infectious Diseases	38
Inspections—Cowsheds	55
Inspections—Dairies	72
Visits to slaughterhouses in connection with meat inspection...	11
Butchers Shops	77
Inspections of Bakehouses	13
Visits to other premises where food is prepared and or exposed for sale	70
Market Inspections	42
Visits to School Premises...	18
Refuse Tip Inspections	30
Investigation of complaints other than Housing	37
Factories	35
Camping Grounds and Caravans...	8
Miscellaneous	242
TOTAL INSPECTIONS	1,291

Complaints received	...	...	...	...	...	...	78
Number of letters sent	...	...	...	...	...	...	258
Number of Informal Notices served	...	...	...	...	...	...	49
Number of Statutory Notices served	...	...	...	...	...	...	1

The Statutory Notice was served under Section 91 of the Public Health Act, 1936, to abate the nuisance caused by pig keeping and accumulation of filth and the absence of proper drains to styres and stable yard. The occupier of the premises gave up pig keeping, abated the nuisance, and no proceedings were taken.

Drainage and Sanitary Arrangements.

Drain tests carried out	...	...	...	...	...	...	15
Drains, provided, improved, relaid or repaired	...	...	...	...	...	...	10
Drains cleared	...	...	...	...	...	...	24
Improvements to Soil Pipes, Vent Shafts, Inspection Chambers, etc.	...	...	...	...	...	...	13
New W.C.'s provided	...	...	...	...	...	...	6
W.C.'s repaired	...	...	...	...	...	...	19

During the year no dwelling houses were connected to the sewer.

A Church Hall which was being used as a school for evacuees was connected up with the drainage system of adjoining property, which discharged into a public sewer.

Improvements were carried out to several cesspools during the year.
Woollens Brook, Amwell Street, Hoddesdon.

A nuisance arose from the Woollens Brook, near Amwell Street Bridge, Hoddesdon, during the hot Summer months of the year, when little water was flowing in the stream.

The trouble was finally traced to the pollution of the stream by the seepage from silos containing pea pods, on an adjoining farm.

The nuisance was abated when the offending silos had been removed.

Housing.

Housing Acts.

No statutory action under the above Acts was taken during the year.

Housing Act, 1936—Overcrowding.

Owing to the influx of persons into the district and the frequent changes of address no reliable data on the incidence of overcrowding in

the district is available. Close liaison is kept with the Council's Billeting Officer in an endeavour to prevent premises becoming overcrowded.

Eradication of Bed Bugs.

In four cases houses were found to be infested. Disinfestation was carried out in similar manner to that outlined in previous reports.

Water Supply.

Two samples from the Council's supply were submitted for bacteriological examination during the year and found to be satisfactory.

One house was provided with water from the Metropolitan Water Board main supply during the year.

A well serving three houses was repaired during the year, after complaints had been received about the taste of the water. A sample of the water had been submitted for bacteriological examination and was reported as being unsatisfactory. A further sample submitted after the work had been carried out gave a satisfactory result.

Milk Supply.

Number of registered producers	...	...	...	...	7
Number of retail purveyors of milk	...	...	...	...	18
Number of retail purveyors of milk by rounds from premises outside the district	...	...	..	...	7

The cowsheds and dairies have frequently been inspected, and a total of 127 visits has been made.

Milk (Special Designations) Order, 1936 & 1938.

Retailers' licences in respect of Tuberculin Tested Milk...	3
Supplementary retailers' licences in respect of Accredited Milk	...
Supplementary retailers' licences in respect of Pasteurised Milk	...

Meat and Other Foods.

Premises used for Food Preparation :—Improvements were effected in two cases.

Slaughterhouses.

Eleven visits were made during the year.

Inspections.

The following food were found to be unfit for human consumption :—

- 360 lbs. Hindquarter Beef.
- 23 lbs. Brisket and Rib—Beef.
- 24 lbs. Beef (Top side and silver side.)
- 60 lbs. Boneless Imported Beef.
- 3 lbs. 14 oz.—1 fowl.
- 140 lbs. Roker Wings.
- 1 Box Skate.
- 2 Boxes Herrings (6 stone.)
- 1 x $\frac{1}{2}$ Flat Grade 1 Salmon.
- 6 tins Pilchards.
- 14 tins Sardines.
- 34 $\frac{1}{2}$ lbs. Pearl Barley.
- 7 lbs. 8 oz. Bacon (Collar.)
- 4 tins Milk.
- 10 tins Evaporated Milk.
- 1 tin Condensed Milk.
- 3 x 6 lbs. tins Corned Beef.
- 1 x 12 oz. tin Corned Beef.
- 7 x 6 lbs. tins Corned Pork.
- 1 x 6 lbs. tins Chopped Pork.
- 17 x 1 $\frac{1}{2}$ lbs. Pork Sausage Meat.
- 1 x $\frac{1}{2}$ lb. Pork Sausage Meat.
- 13 x 1 lb. tins Baked Beans.
- 2 x 8 oz. tins Baked Beans.
- 11 tins Peas.
- 6 x 6 lbs. tins Pork Luncheon Meat.
- 2 x 2 $\frac{1}{2}$ lbs. tins Pork Luncheon Meat.
- 3 x 6 lbs. tins Chopped Ham.
- 1 x 12 oz. tin Chopped Ham.
- 6 x 1 lb. tins Meat and Vegetable.
- 1 x 12 oz. tin Canned Meat.
- 2 x 1 lb. Meat Roll.
- 2 x 1 lb. 3 oz. tins Tomatoes.
- 1 x '2' tins Tomatoes.
- 9 x 16 oz. tins Peaches.
- 4 x 1 $\frac{1}{2}$ lbs. tins Pineapple Chunks.
- 1 x 1 lb. tin Party Loaf.
- 1 tin Apples.
- 1 tin Carrots.
- 1 x '1' tin Spaghetti.
- 1 x 8 oz. tin Crawfish Croquettes.

Inspection of Factories.

35 visits and inspections were made.

Additional Sanitary Accommodation was provided in two factories during the year.

Disinfections.

Disinfections were carried out in consequence of infectious disease (including Tuberculosis) in 48 Dwelling-houses.

*Scabies Order.**Treatment of Cases.*

A Clinic for treatment of Scabies was opened at the Gas Cleansing Station in Pauls Lane, in May, 1942, and the first case was treated on the 30th June, 1942, by Civil Defence workers.

A total of 69 persons was treated during the year, particulars of which are as follows:—

<i>Males.</i>	<i>Females.</i>	<i>Children.</i>	<i>Total.</i>
10	17	24	51
And from other districts ...			18

Diphtheria Prophylaxis.

	Age under 5 years.	Aged 5 years and over, but under 15.	Total.
1. Number of children who completed the full course of immunisation during the year.....	296	272	568
2. (a) Approximate estimated number of children in District at 31st December, 1942.	1100	1604	
(b) Percentage of the child population considered immunised at 31/12/42.	60.5	95	

Propaganda:—The film. "Defeat Diphtheria" (together with other Hygiene films) was shown at the Infant Welfare Centre on Monday, November 30th, 1942.

Notifiable Diseases, 1942.

	TOTAL	Under 1 year	1-5 years	5-15 years	15-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	.....	....	....	.....	.....	.....	.....	.....
Diphtheria	0	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever	39	....	12	23	2	1	.....	39	0
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery (Sonne)	0	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia	2	.....	.....	.....	.....	2	.....	.....	0
Ophthalmia Neonatorum	0	.....	....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	15	1	5	3	.....	4	2	2	8
Erysipelas	3	.....	.....	.....	.....	3	.....	1	0
Measles	4	1	.....	3	.....	.....	.....	0	0
Whooping Cough	20	1	13	6	.....	.....	.....	0	0
Cerebro-spinal Meningitis	1	.....	.....	.....	.....	1	.....	.....	0
Acute Polio-myelitis .....	.....	.....	....	.....	.....	.....	.....	.....	.....

Prevalence and Control of Infectious Disease.

	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria - -												
Scarlet Fever -	4		4	2	2	3	9	4	5	2	1	3
Measles - -							2	1			1	
Whooping Cough -	1	6			5	3	3	1	1			

Ward	Scarlet Fever	Whooping Cough
Broxbourne	0	7
Hoddesdon	10	8
Rye Park	21	3
Wormley	8	2

Bishop's Stortford.

Water.

. There is a piped supply which is chlorinated for most of the Urban District from the pumping station near the western boundary.

Drainage and Sewerage.

There is a public sewerage system for the town. The sewage gravitates to tanks at the sewage farm in the parish of Hallingbury (Dunmow Rural District), where it is screened and then pumped on to the high level. After chlorination it is treated by broad irrigation, with final treatment through longitudinal gravel filters before the effluent passes into the River Stort.

Public Cleansing.

Household and trade refuse is collected by motor lorry and in horse-drawn covered dust carts, and disposed of by tipping on land adjoining the Castle grounds.

Swimming Bath.

The public open-air swimming bath adjoins the Council House. Purification is effected by filtration (8-hourly turnover) and the administration of chlorine and ammonia to the water.

**Particulars of Sanitary Inspector's work
during the year.**

Inspection of District.

<i>Total number of visits</i>	-	-	-	-	-	2156
Dwelling houses inspected for Housing Defects -	-					183
Re-visits to dwelling houses including work in progress -						354
Premises inspected on complaint for nuisances other than Housing Defects.	-	-	-	-		61
Re-visits to premises where a nuisance was found to exist						100
Special and miscellaneous visits -	-	-	-	-		363
Interviews with owners etc., at properties						31
Visits re Infectious disease	-	-	-	-		87
Visits re scabies, food poisoning etc.	-	-	-	-		216
Visits to Slaughterhouses	-	-	-	-		480
Visits to dairies, cowsheds, etc.	-	-	-	-		88
Visits to bakehouses	-	-	-	-		37
Visits to butchers' shops	-	-	-	-		63
Visits to fish shops	-	-	-	-		17
Visits to cafes and restaurants	-	-	-	-		45
Visits to other food shops, stores, etc.	-	-	-	-		121
Visits to markets -	-	-	-	-		80
Visits to factories	-	-	-	-		59
Visits to out-workers premises	-	-	-	-		1
Visits to workplaces (offices, etc.)	-	-	-	-		2
Visits re Shops Act	-	-	-	-		15
Visits re Petroleum Acts -	-	-	-	-		13
Visits re Building Byelaws	-	-	-	-		70
Visits to rat infested premises	-	-	-	-		9
Visits to stables and piggeries	-	-	-	-		11
Visits to schools -	-	-	-	-		9
Visits to moveable dwellings	-	-	-	-		1

Complaints and Matters Referred.

Complaints received	-	-	-	-	-	267
Complaints investigated	-	-	-	-	-	256
Complaints referred to other Departments & Authorities						23
Other matters referred to other Departments & Authorities						12

Testing of Drains and Sanitary Fittings.

Drains tested with water-	-	-	-	-	8
Drains tested by other means	-	-	-	-	5

Notices served, and the result of the service of such notices.

Preliminary.	No. served.	No. complied with.
(a) Dwelling houses for Housing Defects	153	107
(b) Premises for other than Housing Defects	29	31
(c) Special premises (shops, factories, etc.)	29	24

Statutory.

Public Health Act, 1936.

Section 39 to make satisfactory provisions for drainage	-	-	-	1	1
Section 75 to provide a suitable covered dustbin	-	-	-	10	9
Section 83 to cleanse filthy & unwholesome premises	-	-	-	1	1
Section 93 to abate nuisance at a dwelling house	-	-	-	—	1

Summary of Sanitary Improvements Effected.

	Dwelling houses	Special premises	Premises for other than Housing Defects
Drainage systems repaired, etc.	- 17	1	—
Water closets repaired, etc.	- 20	4	—
Dampness remedied (roofs gutters, etc.)	- 18	1	—
Dustbins provided	- 63	1	—
Premises cleansed	- —	14	2
Rooms cleansed	- 5	—	—
Overcrowding abated	- —	—	3
Animals removed	- —	—	1
Accumulations removed	- —	4	6
Miscellaneous	- 39	6	2

Disinfection and Disinfestation.

	Rooms disinfected with Formaldehyde Lamps.	Parcels of bedding passed through Steam Disinfector.	Houses disinfected with Zaldecide and Sulphur candles.	Houses disinfected with Zaldecide.	Parcels of bedding, etc., destroyed.	4oz. tins of IZAL issued.	1 pt. bottles of Zaldecide issued.
Following infectious Disease	25	4	—	—	2	10	—
Following Scabies, Lice, etc.	—	109	—	—	—	39	—
Following other diseases	—	7	—	—	—	2	—
For A.R.P. Department	—	6	—	—	—	7	3
Following vermin infestation at							
(a) Council Houses	—	3	1	4	1	—	15
(b) Other Houses	—	3	3	8	1	—	24
TOTALS	25	132	4	12	4	58	42

*Inspection and Supervision of Food.**Milk Supplies.*

During the year a retail purveyor of milk resident in Essex was registered but subsequently discontinued to operate as did another retail purveyor from the same area.

The number of persons on the register of dairymen actively engaged in the production and/or distribution of milk is now fifteen as follows :—

Nature of Registration	No. Registered	No. Selling Accredited	Designated Milk T.T.
Producer Retailers	6	4	—
Retail Purveyors resident in the district	2	—	—
Retail Purveyors resident outside the district	7	4	1

All farms and dairies were visited on frequent occasions, several minor improvements obtained to buildings, and advice given upon clean milk production, particularly at premises where the reports upon the bacteriological examination of milk samples indicated carelessness and

inattention to detail by dairy employees. Information regarding unsatisfactory supplies produced outside the district was passed on to the local authorities concerned.

Close liaison was maintained with the County Council throughout the year and the results of the samples obtained for examination by the department and the Veterinary Officer acting for the County Council are shown below.

Disignation (if any) produced in district.	No. taken Dept. C.C.		No. satisfactory Dept. C.C.		No. unsatisfactory Dept. C.C.	
Ungraded	4	3	3	—	1	3
Accredited	5	10	4	5	1	5
Produced outside district						
Ungraded	10	4	8	2	2	2
Accredited	7	—	4	—	3	—
Tuberculin tested	1	—	1	—	—	—
Heat treated	1	—	1	—	—	—

Five ungraded samples and one accredited sample were submitted for the cultural examination for tuberculosis with negative results.

Meat and Food Inspection.

The majority of shops, restaurants, etc., where food is prepared and/or exposed for sale were maintained in a satisfactory condition. It was however necessary in a few instances to request the occupiers of premises to carry out cleansing and redecoration and certain other works of maintenance and improvement.

It will be observed that the amount of foodstuffs found unfit for human consumption other than butchers meat was considerably in excess of that for any previous year and is accounted for by the fact that agents for the Ministry of Food now require a certificate of unfitness for human consumption before the replacement of any goods can take place through the wholesalers concerned. All foodstuffs of this nature, were, when suitable, disposed of through the Ministry of Food or local salvage organisation for use as animal feeding stuff.

The Centralised Slaughterhouse in Hallingbury Road continued to function as outlined in previous reports. All animals were examined after slaughter, over eighty per cent. of the visits being made outside normal office hours.

Carcases Inspected and Condemned.

	Cattle excluding cows.	Cows.	Calves.	Sheep and lambs.	Pigs.
Number inspected -	1206	440	1858	5229	961
<i>All diseases except Tuberculosis.</i>					
Whole carcases condemned	2	2	4	8	11
Carcases of which some part or organ was condemned	103	57	8	37	68
Percentage of number in- spected affected with diseases other than tuber- culosis - - -	8'7	13'4	0'64	0'86	8'2
<i>Tuberculosis only.</i>					
Whole carcases condemned	6	19	5	—	8
Carcases of which some part or organ was condemned	142	178	11	—	52
Percentage of number in- spected affected with tuberculosis - - -	12'2	44'7	0'86	—	6'2

Number of Organs Found Affected with Tuberculosis and Other Conditions in Different Classes of Animals.

ORGANS.	Cattle		Calves		Sheep		Pigs		TOTALS.
	Tuberculosis	Other diseases	Tuberculosis	Other diseases	Tuberculosis	Other diseases	Tuberculosis	Other diseases	
Heads	159	23	7	4	—	10	55	11	269
Lungs	290	20	14	7	—	25	16	22	394
Hearts	53	7	14	7	—	21	14	21	137
Kidneys	64	18	10	8	—	16	18	24	158
Livers	106	111	14	7	—	22	21	33	314
Spleens	62	7	5	4	—	8	10	12	108
Stomachs	40	10	5	4	—	8	9	14	90
Intestines	40	6	5	4	—	8	26	15	104

**Details of Diseased Conditions found in Affected Animals
and Action Taken.**

Disease or Defect.	No.		Whole carcasses diseased	Part carcasses diseased	No.		Whole carcasses diseased	Part carcasses diseased	No.		Whole carcasses diseased	Part carcasses diseased	
	Cattle excluding Cows	Cows only			Calves	Sheep			Pigs				
Abscess	29	3	—	32	4	—	4	10	—	10	1	—	1
Actinomy-													
cosis	8	1	—	9	—	—	—	—	—	—	—	—	—
Angioma	6	35	—	41	—	—	—	—	—	—	—	—	—
Arthritis	—	—	—	—	—	—	—	—	—	—	1	—	1
Asphyxiation	—	—	—	—	—	—	—	1	1	—	—	—	—
Bacterial													
Necrosis	2	—	—	2	—	—	—	—	—	—	—	—	—
Cirrhosis	9	5	—	14	—	—	—	3	—	3	18	—	18
Cyst	9	—	—	9	—	—	—	8	—	8	—	—	—
Distomatosis	28	2	—	30	—	—	—	7	—	7	1	—	1
Emaciation	—	—	—	—	—	—	—	2	2	—	—	—	—
Fevered	1	—	1	—	2	2	—	1	1	—	7	7	—
Injury	6	8	—	14	3	—	3	10	4	6	23	1	22
Immaturity	—	—	—	—	1	1	—	—	—	—	—	—	—
Nephritis	—	2	—	2	—	—	—	—	—	—	1	—	1
Oedema	—	—	—	—	—	—	—	—	—	—	1	1	—
Pleurisy	1	—	—	1	1	—	1	1	—	1	7	—	7
Pneumonia	—	—	—	—	—	—	—	1	—	1	1	—	1
Putrefaction	5	—	—	5	1	1	—	1	—	1	4	—	4
Septic													
Mastitis	—	1	1	—	—	—	—	—	—	—	—	—	—
Swine													
Erysipelas	—	—	—	—	—	—	—	—	—	—	3	2	1
Traumatism	—	2	1	1	—	—	—	—	—	—	—	—	—
Uræmia	1	—	1	—	—	—	—	—	—	—	—	—	—
Tubercu'is	148	197	25	320	6	5	11	—	—	—	60	8	52
TOTALS	253	256	29	480	28	9	19	45	8	37	128	19	109

Description and Weight of Diseased Meat.

Description.	Tons.	Cwts.	Qrs.	Lbs.
Beef	8	1	2	15
Beef Offals	6	7	1	14
Mutton	—	2	2	9
Mutton Offals	—	1	0	24
Pork	1	2	0	1
Pork Offals	—	3	3	27
Veal	—	3	2	9
Veal Offals	—	1	3	5
TOTAL WEIGHT	16	4	0	20

Details of Foodstuffs (other than Meat, etc., at Slaughterhouse) found unfit for Human Consumption.

Eggs	307		4x8oz. tins
Imported Beef	18lbs.	Salmon	12x1 lb. tins
Kosher Meat	51½ lbs.	Pilchards	49x15oz. tins
Bacon	30 lbs.	„	4x7oz. tins
Butter	8½ lbs.	Beans	89x1 lb. tins
Lard	2 lbs.	„	15x2 lb. tins
Cheese	40 lbs.	„	5x8oz. tins
Block Suet	2½ lbs.	Peas	47x1 lb. tins
Flour	148 lbs.	„	54x2 lb. tins
Coffee	67 lbs.	Peaches	27x1 lb. tins
Wholewheat Porridge	48 lbs.	„	6x1 lb. 14oz. tins
Cheese Rolls	48 pieces	Pears	14x1 lb. 14oz. tins
Jam Sandwich	90 pieces	Pineapples	15x1 lb. 14oz. tins
Egg Powder (12 egg size)	1 tin	„	33x1 lb. 3oz. tins
Evaporated Milk	1309x14½oz. tins	Plums	4x1 lb. tins
Condensed Milk	57x1¼ pint tins	Apples	3x7 lb. tins
Pork Luncheon Meat	72x6 lb. tins	„	3x28oz. tins
„	2x2½ lb. tins	Rhubarb	2x1 lb. 8oz. tins
„	47x12oz. tins	Tomatoes	41x1 lb. 3oz. tins
Corned Beef	42x6 lb. tins	Carrots	4x1 lb. tins
Corned Pork	23x6 lb. tins	Miscellaneous Vég.	32x1 lb. tins
Ox Tongue	1x6 lb. tin	Tomato Juice	121x1 lb. tins
„	1x1½ lb. tin	Pickles	1x1 lb. jar
Fish Roll	7x3 lb. tins	Meat Roll, etc.	29x1 lb. tins
„	7x2¼ lb. tins	„	10x3 lb. tins
Pork Sausage Meat	91x1½ lb. tins	Soup	20x1 lb. tins

Food Poisoning Outbreak.

An outbreak of gastro-enteritis occurred in the district on the 28th August, and 53 cases were notified.

Enquiries showed that all the cases had drunk milk supplied by one retailer resident in Bishop's Stortford, whose sole source of supply came from a farm in Essex.

Examination of the faeces of patients' proved negative, as did specimens of blood and faeces from the retailer and his assistants. Two stools sent subsequently for examination, were cultured, and salmonella organisms grown.

A cow suffering from mastitis (which died before arrival) was sent from the wholesalers farm on the 31st August, to the Centralised Slaughterhouse, Bishop's Stortford. Sections of udder and liver were sent for investigation and salmonella were cultured from the liver, but it seems doubtful from information supplied by Veterinary Inspector of the Ministry of Agriculture and Fisheries whether this cow contributed to the milk supplied to the retailer on the 28th August.

Concurrent investigations were undertaken by the officials of the Public Health Department of the Essex County District Council and samples of milk, and blood, urine and faeces of the farm workers were all found to be negative.

Diphtheria Prophylaxis.

	Age under 5 years.	Aged 5 years and over, but under 15.	Total.
1. Number of children who completed the full course of immunisation during the year.....	227	362	
2. (a) Approximate estimated number of children in District at 31st December, 1942.	786	1700	
(b) Percentage of the child population considered immunised at 31/12/42.	50	74	

Notifiable Diseases, 1942.

	TOTAL	Under 1 year	1-5 years	5-15 years	15-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria	9	.....	1	8	.....	.....	.....	9	0
Scarlet Fever	26	.....	9	14	.....	3	.....	25	0
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery (Sonne)	24	.....	18*	1	.....	5	.....	6	0
Puerperal Pyrexia	18	.....	.....	.....	2	16	.....	16	0
Ophthalmia Neonatorum	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	8	.....	2	.....	.....	5	1	.....	.....
Erysipelas	0	.....	.....	.....	.....	.....	.....	.....	.....
Measles	7	1	2	4	.....	.....	.....	3	0
Whooping Cough	24	4	13	3	4	.....	.....	.....	0
Cerebro-spinal Meningitis	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute Polio-myelitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....

*Wellington Nursery School, Windhill (residential.)

Prevalence and Control of Infectious Disease.

	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria - -		8			1							
Scarlet Fever - 3			2	7			3			6	3	2
Measles - -		2	1	1	1	1	1					
Whooping Cough - 1	1	1	10	6	5	1						

Scarlet Fever and Diphtheria.

	Scarlet Fever.	Diph- theria.		Scarlet Fever.	Diph- theria
Northgate School	2	4	Evacuee Schools	9	0
St. Michaels School	2	0	Pre-school	3	0
Waterside School	1	0	Adults	3	0
Herts & Essex School	1	0	Haymeads E.H.	5	5

Ware Urban District.

Water.

The supply, which is chlorinated, has always been satisfactory in quality and quantity. There are two deep wells sunk in the chalk:—

1. Upper Waterworks (136 ft.) at Musley.
2. Lower Waterworks (101 ft.) at Musley Lane.

Drainage and Sewerage.

Practically the whole district is sewered. The sewage gravitates to the pumping station at Stanstead Abbots, in the Ware Rural District.

From here it is lifted to the Sewage Farm near Rye House (131 acres) and distributed by broad irrigation.

Public Cleansing.

Refuse is collected weekly in two covered mechanical conveyances and is disposed of by controlled tipping.

Particulars of the Sanitary Inspector's Work.

The total number of visits recorded number 438, but does not include the visits to the Central Slaughterhouse. Three hundred and twenty-two letters were written.

Public Health Act, 1936.

Sewers.

	No.	Visits.
(1) Examined and obstructions removed -	19	56
(2) Levels taken - - -	3	5
(3) (a) Examined - - -	3	3
(b) Opened up—found defective -	2	2
(c) ,, ,, in order -	2	2
(4) Smoke Tested and found satisfactory	1	1
(5) Statutory Notices served requiring renewal of defective sanitary ap- pliance Sec. 39. - - -	5	—
(6) Houses affected - - -	16	—

Deferment of the execution of the reconstruction of two sewers was given for six months subject to them being kept clear and maintained in a satisfactory condition.

Drains.

	No.	Visits.
(1) Examined and obstructions removed -	13	28
(2) Smoke Tested.		
(a) Defective vent shaft found -	1	1
(b) Found in order -	1	1
(3) Examined and found in order -	1	1
(4) Manhole cover and frame provided -	1	1

Sanitary Fittings.

	No.	Visits.
(1) W.C. apartments requiring re-construction -	2	7
(2) W.C. apartment requiring ventilation and remedied -	1	3
(3) Statutory notices served to provide sanitary accommodation -	2	—
(4) W.C. flushing cisterns or service pipes defective -	17	19
(5) W.C. flushing cisterns renewed -	4	4
(6) W.C. flushing cisterns or service pipes repaired -	13	13
(7) Insanitary sink removed and glazed stoneware one fixed -	1	—
(8) Sundry repairs -	3	6

Other Nuisances Abated.

	No.	Visits.
(1) Roofs repaired -	3	7
(2) Kitcheners renewed -	1	2
(3) Kitcheners reconditioned -	1	5
(4) Vertical damp course provided and floor repaired -	1	2
(5) Other dampness remedied (guttering repaired and etc. -	2	5
(6) Walls rebuilt and repaired -	1	2
(7) Rooms cleansed -	2	2
(8) Floors repaired -	2	—
(9) Ceiling repaired -	1	2
(10) Sash cords renewed -	1	1
(11) Hot water tank renewed -	1	2
(12) „ „ boiler renewed -	1	2
(13) New fire hearth provided -	1	4
(14) Dustbins required and provided -	4	8
(15) Dustbins not emptied regularly -	2	5
(16) Animals kept so as to be a nuisance -	1	2
(17) Sheds occupied as to be a nuisance -	1	7
(18) Statutory notice served and court order for vacation of hut -	2	—
(19) No nuisance found -	10	13
(20) Number of complaints received -	66	—

Infectious and Notifiable Diseases.

			<i>Visits.</i>	<i>Disinfections.</i>
(1)	Concerning tuberculosis	- -	15	4
(2)	Scarlet Fever	- - -	19	15
(3)	Whooping Cough	- - -	3	—
(4)	Smallpox (two contacts with Glasgow)		2	—
(5)	Cerebro Spinal Fever	- -	2	1
(6)	Sundry visits (not defined)	- -	5	2
(7)	Paratyphoid Fever	- - -	6	—

Scabies.

Advice was given regarding the treatment of bedding and clothing and where it was considered advisable these were removed to the steam disinfectors at Western House. Enquiries were made as to movements and reports sent to other districts where necessary.

Number of cases reported	-	-	-	-	20
„ „ „ visits	-	-	-	-	19

Filthy and Verminous Premises or Articles.

Number of visits	-	-	-	-	24
„ „ „ houses inspected	-	-	-	-	13
„ „ „ no vermin found	-	-	-	-	4
„ „ „ bugs found	-	-	-	-	4
„ „ „ sprayed with 'Matafly'	-	-	-	-	2
„ „ „ fumigated with SO ₂ and sprayed with 'Matafly'	-	-	-	-	2
Number of houses fumigated and/or cleansed because of filthy occupation	-	-	-	-	3
Number of houses bedding destroyed	-	-	-	-	1
„ „ „ „ steamed	-	-	-	-	2

Rats and Mice Destruction.

Complaints passed to County Pests Officer for attention					10
Number of visits	-	-	-	-	6
Disrepair rectified	-	-	-	-	2

*Housing Act, 1936.**Overcrowding.*

Five cases of overcrowding concerning the occupation of houses in which evacuees were lodging were abated. A statutory notice was served in one instance. It is not possible to give any other statistical information on the subject. Seventeen visits were made.

Circular 2156. Unfit house—Emergency Occupation.

Licences authorising the temporary occupation of No. 4, The Bourne, Nos. 8 and 32, Crib Street were extended.

The following unfit houses which were awaiting demolition were inspected with a view to the Council repairing them.

	Result.	Visits.
Nos. 31 & 33, Priory Street	Not repairable	4
No. 32, Church Street	„	1
Nos. 53 & 55, Crib Street	„	2
Nos. 32 & 34, Priory Street	Repairable	3
Nos. 30 & 31, Church Street	„	4

Application was also made in respect of the following house by a private owner.

No. 50, Baldock Street	Not repairable
------------------------	----------------

*Section 11.**No. 11, Star Street.*

This house, let in two tenements was informally inspected and it was agreed with the owners that it could not be made fit at a reasonable cost. Reconstruction of one of the buildings within the same curtilage is proceeding and will rehouse the existing tenants.

Factories Act, 1937.

	Inspections.	Written Notices.
Factories with mechanical power	9	1
<i>Sanitary Conveniences—Defects Found.</i>	Found,	Remedied.
W.C. pan defective	1	1
W.C. accommodation insufficient	1	1

Shops Act, 1934—Section 10.

	Inspection.
Sanitary accommodation sufficient	1

*Inspection and Supervision of Food.**Bakehouses.*

Compliance with limewashing is obtained without much difficulty, and in general little cause for complaint arises. In one instance a request for the improvement of conditions found in a store room produced the desired effect.

Cowsheds and Dairies.

Number of visits to Cowsheds	...	...	...	17
„ „ Dairies	...	...	...	32

Samples.

	<i>Satisfactory.</i>		<i>Unsatisfactory.</i>	
	<i>Other L.A.'s.</i>	<i>Ware U.D.</i>	<i>Other L.A.'s.</i>	<i>Ware U.D.</i>
Accredited	3	11	8	6
Pasteurised	5	6	6	0
Ungraded	0	2	0	1

The unsatisfactory 'Accredited' milk samples were confined to two farms, and I am of the opinion that failure to remove the milk promptly enough from the cowsheds was the chief fault in one case; and in the second instance, where the cowshed and dairy are always very clean, the use of straining cloths and not filter pads was possibly the major cause of the trouble.

As to 'Pasteurised' milk the unsatisfactory samples taken by other authorities were before the new H.T.S.T. Plant was completed with Thermostatic control panel, flow diversion and control valves. Such milk was retailed as 'Heat Treated' milk. This plant was finally working efficiently towards the end of year.

Meat Inspection.

This has continued to involve early morning attendance at the Central Slaughterhouse, which has been provided with a refrigerator for the preservation of various glands of pharmaceutical value. Averagely five visits per week were made to the slaughterhouse. The number of animals inspected has increased very considerably. Full statistical information is given in Tables 1 to 4.

In addition to the above inspections, 37 tins of Corned Beef were examined at shops and found to be unfit (Weight 222 lbs.), also 146 lbs. of meat affected by "bone taint."

Other Foods.

Twenty-three inspections were made in regard to tinned foods sold at grocers shops, etc. The following condemnations were made.

Eggs	Mouldy	556
Chopped Ham	Decomposition	6 lbs.
Pork Luncheon Meat	"	54 lbs.
Kippers	"	658 lbs.
Butter (Queensland)	Rancidity	72 lbs.
Margarine	"	4 lbs.
Rice	Damaged	49 lbs.
Spiced Luncheon Meat	Decomposition	6 lbs.
Fish Galantine	"	51 lbs.

Several smaller quantities were judged unfit for human food. The Food Executive Officer was notified of any food calling for the attention of the Food Salvage Officer; and quantities below the amount specified for his attention were used for pig food whenever possible.

Table I.

	Cattle excluding cows.	Cows.	Calves	Sheep and Lambs	Pigs.
<i>No. Slaughtered.</i>					
(a) From Collection Centres	2114	713	2121	6706	654
(b) Emergency Slaughter	27	48	22	61	147
<i>Number Inspected</i>	<i>2141</i>	<i>761</i>	<i>2143</i>	<i>6767</i>	<i>801</i>
<i>All Diseases except Tuberculosis.</i>					
Whole carcasses condemned	5	11	10	15	10
Carcasses of which some part or organ was condemned	477	269	8	60	52
% of the number inspected affected with disease other than tuberculosis	22.51	36.79	0.84	1.11	7.74
<i>Tuberculosis only.</i>					
Whole carcasses condemned	4	28	5	—	2
Carcasses of which some part or organ was condemned	173	174	—	—	8
% of the number inspected affected with tuberculosis	8.27	26.54	0.23	—	1.25

TABLE 2.
Particulars of Carcases and Edible
Offals Condemned.
(excludes tripes).

BOVINES.	From Collection Centres.				Emergency Slaughter.			
	Tuberculosis. No.	Weight. Meat.	Other Diseases. No.	Weight. Offal.	Tuberculosis. No.	Weight. Meat.	Other Diseases No.	Weight. Offal.
Steers	A 98	383	2250	319	317	2695	1	262
	B 3	1496	187			65	2	1036
Heifers	A 57	1136	1456	136	105	1184	1	32
	B						2	798
Cows	A 168	1598	543	245	234	2975	6	155
	B 17	7865	1105	3	1334	195	11	3511
Bulls	A 16	184	550	12	66	179	15	267
	B 1	882	84	1	576	77	8	3618
Calves	A			5	20	13	1	95
	B 3	158	35	8	289	61	3	25
TOTAL BOVINES	363	13702	6210	738	2941	7379	2	143
						30	2	80
						1032	42	6189
SHEEP	A			49	74	141	11	75
	B 5			5	249	37	10	429
PIGS	A 4	36		30	14	103	22	166
	B 2	226	13	2	254	19	8	774
GRAND TOTAL	369	13964	6223	824	3532	7679	25	4141
						1040	92	7633

TOTAL WEIGHT MEAT - 29270 lbs.
" " OFFAL - 16422 lbs.
GRAND TOTAL 45692 lbs.

TABLE 3.

Details of Organs Condemned.

	FROM COLLECTION CENTRES										CASUALTIES												
	TUBERCULOSIS							OTHER DISEASES			TUBERCULOSIS							OTHER DISEASES					
	Lungs	Heart	Liver	Spleen	Kidneys	Head	Tongue	Lungs	Heart	Liver	P. Livers	Spleen	Kidneys	Head	Tongue	Lungs	Heart	Liver	P. Livers	Spleen	Kidneys	Head	Tongue
BOVINES																							
Steers	51	3	18	6	6	56	33	16	4	96	207	2		7	9	1	1	1	1	1	1	1	1
Heifers	31	2	14	4	4	31	21	8		50	80			3	2					1	1		
Cows	149	20	20	42	37	76	65	27	4	152	84	9	10	8	9	16	12	14	13	23	14	14	
Bulls	11	2	3	3	2	10	6	3	1	8	1	1	2	2	1								
Calves	3	3	3	3	6	3	3	7	7	7	7	7	16	7	7	2	2	2	2	4	2	2	
Total Bovines	245	30	58	58	55	176	128	61	16	313	372	19	28	27	28	19	15	17	16	27	18	18	
SHEEP								36	33	51		5	10	4	4								
PIGS	2	2	2	2	4	5	.5	11	11	31		2	4	3	3	1	1	1					
Grand Total	247	32	60	60	59	181	133	108	60	395	372	26	42	34	35	20	16	18	16	27	22	22	
																51	50	66	2	35	64	38	

Table 4.

Number of Carcasses Slaughtered and Inspected.

	1940.	1941.	1942.
Cattle (excludes calves)	1220	1682	2902
Calves	320	675	2143
Sheep	4967	7056	6767
Pigs	344	652	801

Meat Condemned.

Weight in lbs. and does not include weight of tripes, intestines, mesenteries and inedible offals.

	1940.		1941.		1942.	
	Wt.	%	Wt.	%	Wt.	%
Cattle (excludes calves)	28193	26'80	30277	22'47	41943	35'66
Calves	385	2'18	455	1'41	873	0'98
Sheep	1263	1'04	804	0'81	1091	1'07
Pigs	1214	5'23	995	4'29	1785	9'36

N.B.

The % figure refers to the number of animals found diseased.

Diphtheria Prophylaxis.

	Age under 5 years.	Aged 5 years and over, but under 15.	Total.
1. Number of children who completed the full course of immunisation during the year,.....	139	178	317
2. (a) Approximate estimated number of children in District at 31st December, 1942.	550	1671	
(b) Percentage of the child population considered immunised at 31/12/42.	50	72	

Notifiable Diseases, 1942.

	TOTAL	Under 1 year	1-5 years	5-15 years	15-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria	0	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever	11	.....	3	8	.....	.....	.....	11	0
Enteric Fever	2*	.....	1	.....	.....	1	.....	1	0
Dysentery (Sonne)	0	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia	0	.....	.....	.....	.....	.....	.....	.....	.....
Ophthalmia Neonatorum	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	5	.....	.....	1	.....	2	2	3	2
Erysipelas	1	.....	.....	.....	.....	1	.....	1	0
Measles	5	.....	3	2	.....	.....	.....	.....	0
Whooping Cough	11	1	5	4	1	0	.....	.....	0
Cerebro-spinal Meningitis	1	.....	.....	.....	.....	1	.....	1	0
Acute Polio-myelitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Paratyphoid B (Mother and child).

Prevalence and Control of Infectious Disease.

	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria - -												
Scarlet Fever - -					1		2	2	3		3	
Measles - -						4		1				
Whooping Cough -	4	2	2			1			2			

Sawbridgeworth Urban District.

Water.

The town and southern part of the Urban District are adequately supplied by the Herts and Essex Water Works Company from deep wells in Redrick Lane. Spellbrook well is hand chlorinated daily.

Drainage and Sewerage.

The district is well sewered with the exception of Spellbrook and Pishiobury Park area. The sewage gravitates to the works, situated in the south-east. After screening, it passes through a settling tank and a dosing chamber on its way to the contact beds. The effluent enters a small stream which discharges into the River Stort.

Public Cleansing.

A 2 ton 10 cwt. lorry collects refuse from every house on alternate weeks; the intervening week being devoted to collection of waste paper and salvage.

Diphtheria Prophylaxis.

	Age under 5 years.	Aged 5 years and over, but under 15.	Total.
1. Number of children who completed the full course of immunisation during the year.....	60	34	94
2. (a) Approximate estimated number of children in District at 31st December, 1942.	220	800	
(b) Percentage of the child population considered immunised at 31/12/42.	69	66	

Notifiable Diseases, 1942.

	TOTAL	Under 1 year	1-5 years	5-15 years	15-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	.....	...	.....	.....	.....	.....	.....	.....
Diphtheria	1*	.....	.....	1*	.....	.....	.....	1	0
Scarlet Fever	3	...	2	1	.....	.....	.....	2	0
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery (Sonne)	1	.....	.....	1	.....	.....	.....	1	0
Puerperal Pyrexia	0	.....	.....	.....	.....	.....	.....	.....	.....
Ophthalmia Neonatorum	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	2	.....	.....	.....	.....	1	1	1	1
Erysipelas	2	.....	.....	.....	.....	2	.....	.....	0
Measles	1	.....	.....	1	.....	.....	.....	.....	0
Whooping Cough	0	.....	.....	.....	.....	.....	.....	.....	.....
Cerebro-spinal Meningitis	2	.....	1	1	.....	.....	.....	2	0
Acute Polio-myelitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Prevalence and Control of Infectious Disease.

	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria - -				1*								
Scarlet Fever - -				1	1				1			
Measles - -								1				
Whooping Cough - -												

*Not immunised.

Ware Rural District.

Water.

Most of the District has a piped water supply. The water is obtained from two boreholes, 450 feet in the chalk, at the Puckeridge Pumping Station, and distributed from a water tower at Old Hall Green. The pumps are electrically driven and all water is chlorinated before delivery.

Drainage and Sewerage.

Great Amwell and St. Margarets, High Cross and Wadesmill are drained to pumping stations from which the sewage is raised to join the Ware U.D. sewage farm at Rye Meads in Stanstead Abbots parish.

Standon and Puckeridge are drained to the pumping station in Paper Mill Lane, Standon, from which the sewage is raised to the disposal works south of the village.

Part of the village of Hertford Heath is in Great Amwell parish and is sewered to disposal works in Hertford Rural District.

Public Cleansing.

Cesspools are emptied free on request. Pails are emptied twice weekly from cottages not connected to a sewer. House refuse is collected weekly in a covered conveyance and disposed of by tipping at Standon and St. Margarets.

Diphtheria Prophylaxis.

	Age under 5 years.	Aged 5 years and over, but under 15.	Total.
1. Number of children who completed the full course of immunisation during the year.....	211	128	339
2. (a) Approximate estimated number of children in District at 31st December, 1942.	654	1546	
(b) Percentage of the child population considered immunised at 31/12/42.	48	94	

Notifiable Diseases, 1942.

	TOTAL	Under 1 year	1-5 years	5-15 years	15-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	.....	....	.....	.....	.....	.....	.....	.....
Diphtheria	0	.....	.....	.....	.....	.....	.....	.....	.....
Scarlet Fever	10	.....	1	7	.....	2	.....	10	0
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery (Sonne)	3*	1	2	.....	.....	.....	.....	0	0
Puerperal Pyrexia	1	.....	.....	.....	.....	1	.....	.....	.....
Ophthalmia Neonatorum	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	8	.....	1	2	1	2	2	1	2
Erysipelas	4	.....	.....	.....	.....	2	2	.....	.....
Measles	46	7	27	9	2	1	.....	0	0
Whooping Cough	32	.....	22	8	.....	1	.....	5	0
Cerebro-spinal Meningitis	2	.....	.....	.....	1	1	.....	2	1
Acute Polio-myelitis	1	.....	....	1	.....	.....	.....	1	0

* L.C.C. Residential Nursery, Easneye.

Prevalence and Control of Infectious Disease.

	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria - -												
Scarlet Fever - -	2	1		1	1	1	2	1	1		1	
Measles - -					2	6		9	28			1
Whooping Cough -	14	2	5	8	3							

Scarlet Fever.

Hunsdon,	1
Little Munden,	1
St. Margarets,	1
Standon,	2
Stanstead Abbots,	2
Thundridge,	1
Ware Rural,	2

Measles.

Widford,	1
Little Munden,	4
Great Amwell,	3
Standon,	1
*Easneye,	23
Thundridge,	6
Youngsbury,	8

Whooping Cough.

Widford,	1
Great Munden,	4
Gilston,	1
Standon,	10
Easneye,	*15
Thundridge,	1

Braughing Rural District.

Water.

The northern part of the district is now supplied from 2 deep bore-holes at Chipping, from which water is pumped to a water tower at Throcking and to a reservoir at Buntingford; while the southern part of the district is supplied from Much Hadham, augmented by a supply from the Ware Rural District which is pumped to a water tower at Albury to serve the parishes of Braughing, Albury and the higher parts of Little and Much Hadham. All the water is chlorinated.

Drainage and Sewerage.

Buntingford sewers drain by gravitation through a 15in. outfall to sewage disposal works situated at the south end of the parish near Aspenden Bridge, where the sewage is dealt with by broad irrigation.

Cottered: The sewage flows by gravitation to sedimentation tanks and disposed of by broad irrigation at a site a little to the north of the village.

Much Hadham town is drained by a 12in. outfall sewer to disposal works situated alongside the river at the south end of the parish, and dealt with by broad irrigation.

High Wych village has sewers which drain to a small disposal works consisting of a sprinkler and bacteria beds with final treatment on land.

Braughing village has a short length of sewer running from the Axe and Compass Inn to Hill Green, where there is a small broad irrigation area for the disposal of slop water.

Buckland Parish has no proper system of sewerage or sewage disposal, though a few houses in the village of Chipping are drained to a small tank on the west side of the road.

Public Cleansing.

There is a fortnightly collection of refuse from Much Hadham and Buntingford.

Diphtheria Prophylaxis.

	Age under 5 years.	Aged 5 years and over, but under 15.	Total.
1. Number of children who completed the full course of immunisation during the year.	122	100	222
2. (a) Approximate estimated number of children in District at 31st December, 1942.			
(b) Percentage of the child population considered immunised at 31/12/42.	43	87	

Notifiable Diseases, 1942.

	TOTAL	Under 1 year	1-5 years	5-15 years	15-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria	2	.....	2	.....	.....	.....	.....	.....	.....
Scarlet Fever	18	.....	3	10	2	3	.....	.....	.....
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery (Sonne)	0	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia	7	.....	.....	.....	1	6	.....	.....	.....
Ophthalmia Neonatorum	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	12	.....	2	3	.....	5	2	.....	.....
Erysipelas	3	.....	.....	.....	.....	.....	3	.....	.....
Measles	20	1	6	11	2	.....	.....	.....	.....
Whooping Cough	40	1	12	27	.....	.....	.....	.....	.....
Cerebro-spinal Meningitis	2	.....	.....	1	.....	1	.....	.....	.....
Acute Polio-myelitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Scarlet Fever.

Much Hadham,	4
Buntingford,	7
Hare Street,	3
High Wych,	2
Furneaux Pelham,	1
Buckland,	1

Measles.

Buntingford,	8
Cottered,	6
Much Hadham,	4
Albury,	1
Hare Street,	1

Whooping Cough.

Buntingford,	14
Much Hadham,	13
Little Hadham,	2
Meesden,	3
Buckland,	3
Cottered,	5

Hertford Rural District.

Water.

The laying of the mains to and in the Mimram Valley, referred to in the last report as in progress and necessary because of drainage difficulties at Welwyn Garden City, has been completed and the various properties affected now have a new supply from the Council's mains. The three wells serving five other cottages were found to be polluted and three long services were laid from the mains to give a pure supply. Because of the Government restrictions, ungalvanised pipes had to be used and an iron content of as much as 2.0 parts per 100,000 in the worst case has resulted. Possibilities of filtration are being investigated.

The unsatisfactory quality and limited quantity of the well water at "Attimore Hall" Farm and three cottages, Tewin, near Welwyn Garden City, have long been a matter of concern. The Welwyn Garden City U.D.C. has now agreed to give a supply from its mains and the owner is arranging for the laying of the necessary services.

Water from the Council's mains was laid into an additional 32 houses during the year.

Sanitary Improvements.

After some pressing, the military laid a further sewer in one parish so that the drainage from a new camp could go direct to the gravity sewers, instead of via the pumping station. Consequently, drainage to the sewers of three cottages previously served by cesspools became possible and was carried out.

A formal notice under the Shops Act, requiring the provision of sanitary accommodation at a lock-up shop at Walkern was served and complied with eventually.

Wartime Problems.

The use of Village Halls and temporary erections as canteens or dormitories for persons engaged on works of national importance presented problems connected with sanitary accommodation the preparation of food and disinfection. Consultation with the local authority before the erection of the temporary accommodation in one case would have resulted in the avoidance of some troubles which arose.

On request, a sink, drain and cesspool were provided at one village hall where workmen were accommodated and at another which was in use as a school canteen. The County Council, on its own initiative, provided sanitary facilities at two other village halls where school meals were provided.

Accommodation which had been provided privately for evacuees was left in a bug-infested condition by some of the early occupiers. The rooms comprised part of a large old timber-framed building and presented difficulties which made the use of cyanide impracticable. The use of insecticide and sulphur candles eventually eradicated the vermin.

Milk and Dairies.

Three cowsheds have had their interiors reconstructed ; new dairies have been provided at two farms and three sterilizers have been provided. Despite labour shortages, standards of cleanliness have been maintained generally.

Diphtheria Prophylaxis.

	Age under 5 years.	Aged 5 years and over, but under 15.	Total.
1. Number of children who completed the full course of immunisation during the year.....	153	86	
2. (a) Approximate estimated number of children in District at 31st December, 1942.	477	864	
(b) Percentage of the child population considered immunised at 31/12/42.	61	85	

Notifiable Diseases, 1942.

	TOTAL	Under 1 year	1-5 years	5-15 years	15-21 years	21-65 years	over 65 years	Admitted to Hospital	Deaths
Small-pox	0	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria	2†	.....	1*	1	.....	.....	.....	2	0
Scarlet Fever	14	.....	1	10	2	1	.....	14	0
Enteric Fever	0	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery (Sonne)	5*	1	1	1	1	1	.....	5	.....
Puerperal Pyrexia	0	.....	.....	.....	.....	.....	.....	.....	.....
Ophthalmia Neonatorum	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute primary Pneumonia	3	.....	.....	2*	.....	1	.....	.....	.....
Erysipelas	1	.....	.....	.....	.....	1	.....	.....	.....
Measles	42	1	10	18	6	7	.....	.....	.....
Whooping Cough	20	3	11	6	.....	.....	.....	.....	.....
Cerebro-spinal Meningitis	0	.....	.....	.....	.....	.....	.....	.....	.....
Acute Polio-myelitis .....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* Princess Elizabeth of York Hospital.

† Not immunised.

Prevalence and Control of Infectious Disease.

	January	February	March	April	May	June	July	August	September	October	November	December
Diphtheria - -		1*	1									
Scarlet Fever - -	2†		2†	1†	1	2					3	3
Measles - -					8	14	4			9	1*	6
Whooping Cough -			1*	1*		6	1	1*	4*	1	5	

† St. Joseph's College, Tewin.

Scarlet Fever.

Bengeo Rural,	1
Walkern,	3
Watton,	1
Princess Elizabeth of York Hosp., Bayford	4
St. Joseph's College, Tewin,	5

Measles.

Aston,	6
Bayford,	8
Brickendon,	2
Little Amwell	6
L. Berkhamstead	12
Stapleford,	7
Tewin,	1

Whooping Cough.

Bayford,	7
Bengeo Rural,	5
Datchworth,	5
Little Amwell,	1
Tewin,	1
Walkern,	1

